

CONTACT

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EDUCATION

2022 - 2026

TUFTS UNIVERSITY

- Bachelors of Science in Engineering: Computer Science
- Minors in Mathematics and Economics
- 3.78 GPA
- Dean's List All Semesters

2018 - 2022

CATE SCHOOL

- High School Diploma
- 4.36 GPA
- Cum Laude Graduate

RELEVANT COURSEWORK

- Machine Structures and Assembly Language Programming
- Data Structures
- Computer Science in C++
- Web Programming
- Computer and Data Science in Javascript
- Linear Algebra
- Multivariable Calculus

ALEKHA RAO

PROFESSIONAL SUMMARY

Skilled multitasker with impeccable work ethic, teamwork, and organizational skills. Natural problem-solver with a unique ability to relate to people of all ages and backgrounds. Flexible and hardworking, with proven ability to boost productivity and performance with conscientious and detail-oriented approaches.

SKILLS

TECHNICAL SKILLS

- Proficiency in C, C++, and Javascript
- Python (NumPy, Pandas, Matplotlib, Seaborn)
- Front End Programming (HTML, CSS, jQuery, AJAX)
- Back End Programming (PHP, Node.js)
- SQL/ NoSQL (MySQL, MongoDB)
- REST APIs
- Web Development using Flask and Heroku
- Git

OTHER SKILLS

- Microsoft Office (Word, Excel, Powerpoint)
- Search Engine Optimization
- UI/UX Research
- Time Management
- Creative Problem Solving
- Fluent in Mandarin

WORK EXPERIENCE

- BLP Industry. AI - Bangalore, INDIA** 06/2024 - 08/2024
Artificial Intelligence Intern (Currently Underway)
 - Working for an Industrial AI company that is building AI-powered solutions to meet challenges in the manufacturing industry
 - Using tools such as OpenCV and Yolo Object Detection to help build a Computer Vision solution for improving workplace safety and security
 - Utilizing Image Annotation Tools such as Labeling and Labelme to build a dataset of images to train the Computer Vision Model.
 - Developing a better understanding of ML technologies, including Artificial Neural Networks, Convolutional Neural Networks, and Reinforcement Learning
- Ernst & Young - Singapore, SINGAPORE** 06/2023 - 08/2023
Technology Consulting Intern
 - Completed website revamp utilizing newly acquired skills such as UX research and Search Engine Optimization.
 - Helped build and govern an AI HR chatbot using Generative AI and Machine Learning tactics on the Data & Analytics team
 - Participated in client meetings, contributing valuable insights and helping build strong relationships with key partners such as the Infocomm Media Development Authority of Singapore
- Elev8.vc - Singapore, SINGAPORE** 06/2021 - 07/2021
Deep Tech Research Intern
 - Worked for a B2B focused VC fund which invests in early-stage deep tech founders.
 - Performed market research to help identify investment trends and opportunities within the market of mobility
 - Researched the Mobility landscape in Singapore and explored technology behind autonomous vehicles